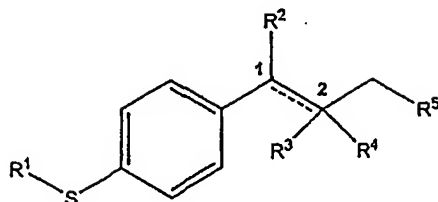


Claims

1. Use of a compound of formula I as flavour or fragrance



wherein

i) the bond between C₁ and C₂ is a single bond;

R¹ is methyl, ethyl, *i*-propyl, *n*-propyl;

R² and R³ are independently hydrogen or methyl; or

R² and R³ taken together is a divalent radical (CH₂)_n, C(CH₃)₂, or CH(CH₃) which forms a cycloalkane ring together with the carbon atoms to which it is attached;

R⁴ and R⁵ are independently hydrogen or methyl; or

R⁴ and R⁵ taken together is a divalent radical (CH₂)_n, (CH₂)_{n-1}CH(CH₃)₂, or (CH₂)_{n-1}CH(CH₃) which forms a cycloalkane ring together with the carbon atoms to which it is attached;

n is an integer of 1, 2, 3, or 4; and

wherein at least one cycloalkane ring is present; or

ii) the bond between C₁ and C₂ together with the dotted line represents a double bond;

R¹ is methyl, ethyl, *i*-propyl, *n*-propyl;

R² is hydrogen or methyl;

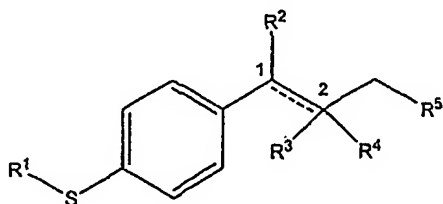
R³ and R⁴ together is hydrogen or methyl; and

R⁵ is hydrogen, methyl, ethyl, *i*-propyl, *n*-propyl, *n*-butyl, *tert*-butyl or *sec*-butyl.

2. Use of a compound according to claim 1 selected from the group consisting of 1-cyclopropylmethyl-4-methylsulfanyl-benzene, 1-cyclobutylmethyl-4-methylsulfanyl-benzene, 1-cyclopentylmethyl-4-methylsulfanyl-benzene, 1-cyclohexylmethyl-4-methylsulfanyl-benzene, 1-prop-1-enyl-4-methylsulfanyl-benzene and 1-hex-1-enyl-4-methylsulfanyl-benzene.

3. The use of a compound according to claim 1 to 2 in a fragrance or flavour composition.

4. A fragrance application comprising a compound as defined in any of the claims 1 to 2, or a mixture thereof.
5. A fragrance application according to claim 4 wherein the fragrance application is a perfume, household product, laundry product, body care product or cosmetic product.
6. A flavour application comprising a compound as defined in any of the claims 1 to 2, or a mixture thereof.
7. A method of flavouring or fragancing of a product by adding one or more compounds according to one of the claims 1 to 2 to said product.
8. A compound of formula I



wherein

- i) the bond between C₁ and C₂ is a single bond;
R¹ is methyl, ethyl, *i*-propyl, *n*-propyl;
R² and R³ are independently hydrogen or methyl; or
R² and R³ taken together is a divalent radical (CH₂)_n, C(CH₃)₂, or CH(CH₃) which forms a cycloalkane ring together with the carbon atoms to which it is attached;
R⁴ and R⁵ are independently hydrogen or methyl; or
R⁴ and R⁵ taken together is a divalent radical (CH₂)_n, (CH₂)_{n-1}CH(CH₃)₂, or (CH₂)_{n-1}CH(CH₃) which forms a cycloalkane ring together with the carbon atoms to which it is attached;
n is an integer of 1, 2, 3, or 4; and
wherein at least one cycloalkane ring is present; or
- ii) the bond between C₁ and C₂ together with the dotted line represents a double bond;
R¹ is methyl, ethyl, *i*-propyl, *n*-propyl;
R² is hydrogen or methyl;
R³ and R⁴ together is hydrogen or methyl; and

R⁵ is hydrogen, methyl, ethyl, *i*-propyl, *n*-propyl, *n*-butyl, *tert*-butyl or *sec*-butyl, with the proviso that if R¹ is ethyl; R² is hydrogen; and R³ and R⁴ together is hydrogen; then R⁵ is not hydrogen.

9. A compound according to claim 8 selected from the group consisting of 1-cyclopropylmethyl-4-methylsulfanyl-benzene, 1-cyclobutylmethyl-4-methylsulfanyl-benzene, 1-cyclopentylmethyl-4-methylsulfanyl-benzene, 1-cyclohexylmethyl-4-methylsulfanyl-benzene, 1-prop-1-enyl-4-methylsulfanyl-benzene and 1-hex-1-enyl-4-methylsulfanyl-benzene.